



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Douglas L. Schulz et al. ) Art Unit: Not Yet Accorded  
 Serial No.: 10/088,760 )  
 Filing Date: March 21, 2002 )  
 Title: Direct Printing of Thin-Film )  
 Conductors Using Metal-Chelate Ink ) Atty. Docket No.: 98-34 CIP

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TC 2800 MAIL ROOM

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Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing of a first office action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

That each item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 USC §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

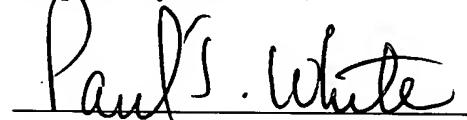
reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No.: 14-0460.

Dated: 9/26/02

Respectfully submitted,



Paul J. White, Reg. No. 30,436  
Attorney for Applicants

#### **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8**

I hereby certify that the following attached items:

- (1) Information Disclosure Statement Under 37 CFR § 1.97(b) [2 pgs.]
- (2) PTO Form 1449 with cited references
- (6) Postcard receipt

are being deposited in the United States Postal Service as first class mail, postage pre-paid, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on the 27 day of September 2002.

  
Paul J. White, Reg. No. 30,436  
Attorney for Applicants

National Renewable Energy Laboratory  
1617 Cole Boulevard  
Golden, CO 80401  
303/384-7575



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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(use as many sheets as necessary)**

Sheet 1 of 2

Case: 1 of 2 Attorney Docket Number NREL 98-34 CIP

***Complete if Known***

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/088,760        |
| Filing Date            | March 21, 2002    |
| First Named Inventor   | Douglas L. Schulz |
| Group Art Unit         | Not Yet Accorded  |
| Examiner Name          | Not yet Accorded  |
| Attorney Docket Number | NREL 98-34 CIP    |

**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENT**

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SEP 18 2003  
TC 1700

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

- EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number <sup>2</sup>See attached Kinds of U.S. Patent Documents.<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached

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**Substitute for form 1449B/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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*Complete if Known*

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| Group Art Unit         | Not Yet Accorded    |
| Examiner Name          | Not Yet Accorded    |
| Attorney Docket Number | NREL IR # 98-34 CIP |

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

**Examiner  
Signature**

Date  
Considered

- EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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